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Leiston-cum-Sizewell Urban District Council

ANNUAL REPORT

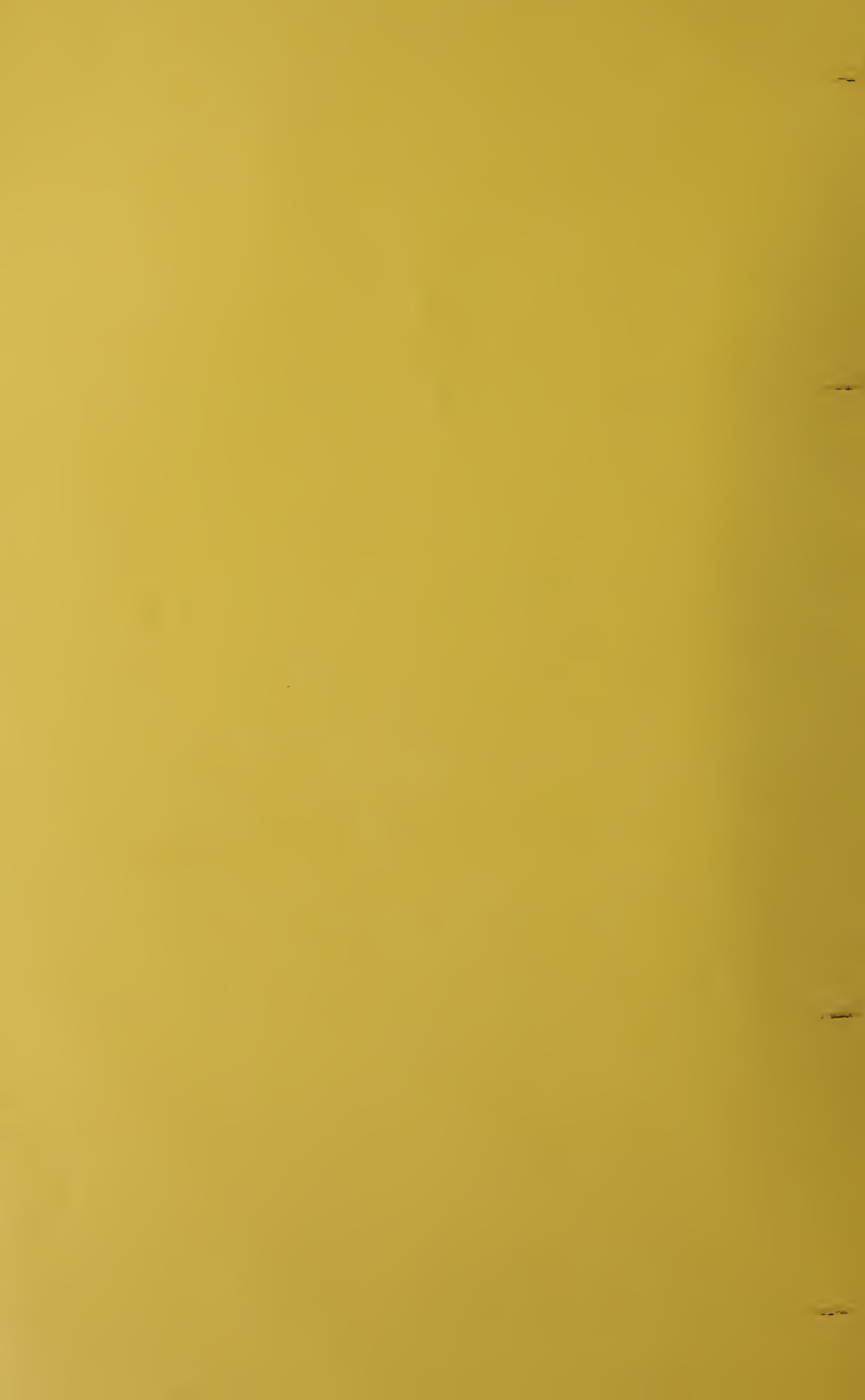
of the



MEDICAL OFFICER OF HEALTH

FOR THE YEAR ENDING

1962



LEISTON--cum--SIZEWELL URBAN DISTRICT COUNCIL

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

FOR THE YEAR ENDING

31st December, 1962.

Medical Officer of Health	:	H.E. Nutton, M.B., Ch.B., D.P.H.,
Public Health Inspector	:	R. Fairclough, M.R.S.H.

Leiston-cum-Sizewell Urban District Council

To: the Chairman and Members of the Leiston-cum-Sizewell
Urban District Council,

Mr. Chairman, Mrs. Reade, Gentlemen,

I have the honour to present the Annual Report for 1962.

The mid - 1962 population, as estimated by the Registrar General is 4,770 compared with 4,150 for the corresponding period a year earlier. This is an increase of 620 which is probably mainly due to persons who are employed in the building of the Nuclear Power Station at Sizewell.

The number of **live** births has risen to 88 which gives an adjusted birth rate about the same as the national average.

Again the maternal mortality is Nil and has been so for at least 13 years.

The number of persons on the tuberculosis register shows a decrease of 9 from 1961.

The information in this report on food premises, shops, factories, housing etc., is compiled by your Public Health Inspector to whom I am indebted.

I have the honour to be
Your Obedient Servant,

H.E. Nutten.

Medical Officer of Health

Council Offices,
LEISTON,
Suffolk.

June, 1963.

Tel:-Leiston 13.

GENERAL STATISTICS

Area (in acres)	4,466
Registrar General's estimate of population (mid 1961)	4,770
Number of inhabited houses (estimated)	1,592
Rateable value	£54,553
Product of penny rate	£214

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	Leiston cum Sizewell U.D.	England & Wales
<u>LIVE BIRTHS</u>		
Number	88	-
Rate per 1,000 population.....	18.4	18.0
ILLEGITIMATE LIVE BIRTHS per cent of total live births	7.9	-
<u>STILL BIRTHS</u>		
Number.....	2	-
Rate per 1,000 total live and still births...	22.2	18.1
TOTAL LIVE AND STILL BIRTHS.....	90	-
INFANT DEATHS (deaths under 1 year).....	2	-
<u>INFANT MORTALITY RATES</u>		
Total infant deaths per 1,000 total live births	22.7	21.4
Legitimate infant deaths per 1,000 legitimate live births.....	24.6	+
Illegitimate infant deaths per 1,000 illegitimate live births.....	Nil	+
<u>NEO-NATAL MORTALITY RATE</u> (deaths under 4 weeks per 1,000 total live births).....	22.7	+
<u>EARLY NEO-NATAL MORTALITY RATE</u> (deaths under 1 week per 1,000 live births).....	22.7	+
<u>PERINATAL MORTALITY RATE</u> (stillbirths and deaths under 1 week combined per 1,000 total live and still births).....	44.4	+
<u>MATERNAL MORTALITY</u> (including abortion)		
Number of deaths.....	Nil	-
Rate per 1,000 total live and still births...	Nil	+

- Not applicable.

+ Not yet available.

VITAL STATISTICS

LIVE BIRTHS	Male	Female	TOTAL
TOTAL	47	41	88
Legitimate.....	43	38	81
Illegitimate.....	4	3	7

STILL BIRTHS	Male	Female	TOTAL
TOTAL.....	2	-	2
Legitimate.....	2	-	2
Illegitimate.....	-	-	-

DEATHS OF INFANTS UNDER 1 YEAR OF AGE	Male	Female	TOTAL
TOTAL.....	1	1	2
Legitimate.....	1	1	2
Illegitimate.....	-	-	-

DEATHS OF INFANTS UNDER 4 WEEKS	Male	Female	TOTAL
TOTAL.....	1	1	2
Legitimate.....	1	1	2
Illegitimate.....	-	-	-

DEATHS OF INFANTS UNDER 1 WEEK OF AGE	Male	Female	TOTAL
TOTAL.....	1	1	2
Legitimate.....	1	1	2
Illegitimate.....	-	-	-

	Male	Female	TOTAL
DEATHS - ALL AGES.....	32	31	63

RATES

	Leiston U.D.	England and Wales
Adjusted Birth Rate.....	19.1	-
Death rate per 1,000 estimated population	13.2	11.9
Adjusted death rate	11.7	-

Comparability Factor (Births) 1.04
 " " (Deaths) 0.89

CAUSES OF INFANT DEATHS

SEX	AGE	CAUSE OF DEATH
M	1 Day	Erythroblastosis Foetalis (Rh. Factor)
F	3 hours	Premature (Breech Delivery)

CAUSES OF DEATH

CAUSES OF DEATH	MALE	FEMALE	TOTAL
1. Tuberculosis, respiratory.....	-	-	-
2. Tuberculosis, other.....	-	-	-
3. Syphilitic disease.....	-	-	-
4. Diphtheria.....	-	-	-
5. Whooping cough.....	-	-	-
6. Meningococcal infections.....	-	-	-
7. Acute poliomyelitis.....	-	-	-
8. Measles.....	-	-	-
9. Other infective and parasitic diseases.	-	-	-
10. Malignant neoplasm, stomach.....	1	-	1
11. Malignant neoplasm, lung, bronchus.....	1	1	2
12. Malignant neoplasm, breast.....	-	2	2
13. Malignant neoplasm, uterus.....	-	2	2
14. Other malignant and lymphatic neoplasm.	1	1	2
15. Leukaemia, aleukaemia.....	-	-	-
16. Diabetes.....	-	-	-
17. Vascular lesions of nervous system.....	4	5	9
18. Coronary disease, angina.....	10	5	15
19. Hypertension with heart disease.....	1	-	1
20. Other heart disease.....	3	3	6
21. Other circulatory diseases.....	2	2	4
22. Influenza.....	-	-	-
23. Pneumonia.....	1	1	2
24. Bronchitis.....	2	2	4
25. Other diseases of respiratory system..	-	-	-
26. Ulcer of stomach and duodenum.....	-	-	-
27. Gastritis, enteritis and diarrhoea.....	-	1	1
28. Nephritis and nephrosis.....	-	-	-
29. Hyperplasia of prostate.....	2	-	2
30. Pregnancy, childbirth, abortion.....	-	-	-
31. Congenital malformations.....	-	-	-
32. Other defined and ill-defined diseases..	3	3	6
33. Motor vehicle accidents.....	1	1	2
34. All other accidents.....	-	-	-
35. Suicide.....	-	2	2
36. Homicide and operations of war.....	-	-	-
	32	31	63

DEATHS FROM CANCER OF THE LUNG AND BRONCHUS DURING THE
YEARS 1952 - 1962

YEAR	MALE	FEMALE	TOTAL	DEATH RATE PER 1,000 POPULATION
1952	2	-	2	0.49
1953	-	-	-	-
1954	-	1	1	0.24
1955	1	1	2	0.48
1956	2	-	2	0.48
1957	4	-	4	0.96
1958	2	1	3	0.72
1959	3	-	3	0.72
1960	-	-	-	-
1961	3	1	4	0.96
1962	1	1	2	0.41
TOTAL	18	5	23	

ADJUSTED BIRTH AND DEATH RATE : COMPARABILITY FACTOR

Local birth rates are expressed in terms of population. These populations are estimated by the Registrar General and comprise persons of all ages, including those who have no influence on the birth rate. These latter do, however, affect the birth rate in that a high proportion of them in a population tends to lower, and a small proportion tends to raise the true rate. The size of this proportion will vary in different areas, and, therefore, the elimination or standardization of such a factor will give a truer comparison between areas.

The Registrar General issues a comparability factor on these lines. Multiplication of the crude birth rate of an area by the comparability factor gives the adjusted birth rate and can be compared with the crude rate for England and Wales.

The comparability factor for deaths is obtained in a similar way to the above. The factors for certain areas, where rapid increase or reduction in the population materially affects its comparison by sex and age groups, are also adjusted on that account. Death rate comparability factors are adjusted to take account of the presence of any residential institutions in each area. Birth rate area comparability factors are also adjusted to take account of the presence of sterile populations in institutions for the mentally ill or mentally deficient.

TABLE SHOWING THE MORE IMPORTANT CAUSES OF DEATH,
NUMBER AND PERCENTAGES.

CAUSE OF DEATH	NO. OF DEATHS		PERCENTAGE	
	1961	1962	1961	1962
Diseases of circulatory system	19	26	35.19	41.27
Vascular lesions of nervous system	7	9	12.96	14.28
Malignant diseases	11	9	20.37	14.28
Pnuemonia and Bronchitis	3	6	5.55	9.52
Influenza	-	-	-	-
All other causes	14	13	25.93	20.63
TOTAL	54	63	100.00	99.98

In 1962 69% of all deaths fell under the first three headings. The comparable figure for 1961 68% and for 1960 was 80%.

COMPARATIVE STATISTICS

YEAR													
	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
Population	4,048	4,049	4,048	4,072	4,130	4,150	4,130	4,160	4,140	4,120	4,130	4,150	4,770
No. of inhabited houses	1,348	1,372	1,382	1,382	1,446	1,465	1,488	1,510	1,465	1,469	1,494	1,548	1,592
No. live births	49	66	42	42	45	60	56	58	60	61	50	70	88
Birth Rate (Crude)	12.0	13.7	10.4	10.4	10.9	14.5	13.5	13.9	14.5	14.8	12.1	16.8	18.4
No. of Still births	1	3	0	0	0	2	1	0	1	0	0	1	2
Maternal mortality	0	0	0	0	0	0	0	0	0	0	0	0	0
Infant mortality rate	0	15.1	47.6	0	0	83.3	35.7	17.2	33.3	0	20.0	0	22.7
(No. of deaths)	(0)	(1)	(2)	(0)	(0)	(5)	(2)	(1)	(2)	(0)	(1)	(0)	(2)
No. of deaths (All ages)	57	63	57	53	45	56	47	52	42	54	52	54	63
Death rate (Crude)	14.0	15.4	14.1	13.0	10.9	13.5	11.14	12.5	10.1	13.1	12.59	13.0	13.2

NUMBER OF ALL CONFIRMED CASES OF INFECTIOUS AND OTHER NOTIFIABLE DISEASES NOTIFIED DURING THE
YEAR 1962 ACCORDING TO AGE AND SEX.

AGE	PNEUMONIA			SCARLET FEVER			MEASLES			ERYSIPELAS		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 1	-	-	-	-	-	-	-	-	-	-	-	-
1 -	-	-	-	-	-	-	1	1	2	-	-	-
2 -	-	-	-	-	-	-	1	2	3	-	-	-
3 -	-	-	-	-	-	-	1	1	2	-	-	-
4 -	-	-	-	-	-	-	2	-	2	-	-	-
5 - 9	-	1	1	2	-	2	-	2	2	-	-	-
10 - 14	-	-	-	1	1	2	-	-	-	-	-	-
15 - 24	-	-	-	-	-	-	1	-	1	-	-	-
25 - 44	1	-	1	-	-	-	-	-	-	-	-	-
45 - 64	1	-	1	-	-	-	-	-	-	2	-	2
65 or over	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	1	3	3	1	4	6	6	12	2	-	2

13 males plus 8 females = 21

DISEASES NOTIFIED DURING THE YEAR, CLASSIFIED ACCORDING TO MONTH OF OCCURRENCE

	PNEUMONIA	SCARLET FEVER	MEASLES	ERYSIPELAS
January	1	1	-	-
February	-	2	-	-
March	1	-	1	-
April	-	-	-	-
May	-	-	-	1
June	-	-	1	-
July	-	1	4	-
August	-	-	3	-
September	-	-	-	-
October	-	-	-	-
November	-	-	1	-
December	1	-	2	1
TOTAL	3	4	12	2

TOTAL = 21

T U B E R C U L O S I S

	MALES		FEMALES		TOTAL
	Pulmonary	Non-pulmonary	Pulmonary	Non-pulmonary	
No. of cases on the register at 31st December 1961	10	1	15	-	26
No. of cases added during the year	2	-	-	1	3
No. of cases removed during the year.	4	-	5	-	9
No. of cases on the register at 31st December, 1962	8	1	10	1	20

CASES ADDED TO THE REGISTER		CASES REMOVED FROM THE REGISTER	
New notifications	= 1	Recovered	= 5
Inward transfers	= 2	Died	= 2
		Removed to other areas	= 2
Total	= 3	Total	= 9

Common Lodging Houses : Nil.

TABLE 1

Summary of the data				
Year	1950	1951	1952	1953
Population	100	100	100	100
Area	100	100	100	100
Volume	100	100	100	100
Weight	100	100	100	100
Length	100	100	100	100
Width	100	100	100	100
Height	100	100	100	100
Depth	100	100	100	100
Temperature	100	100	100	100
Pressure	100	100	100	100
Humidity	100	100	100	100
Wind speed	100	100	100	100
Wind direction	100	100	100	100
Cloud cover	100	100	100	100
Precipitation	100	100	100	100
Solar radiation	100	100	100	100
Air quality	100	100	100	100
Water quality	100	100	100	100
Soil quality	100	100	100	100
Vegetation	100	100	100	100
Animal life	100	100	100	100
Human life	100	100	100	100

Detailed data			
Year	1950	1951	1952
Population	100	100	100
Area	100	100	100
Volume	100	100	100
Weight	100	100	100
Length	100	100	100
Width	100	100	100
Height	100	100	100
Depth	100	100	100
Temperature	100	100	100
Pressure	100	100	100
Humidity	100	100	100
Wind speed	100	100	100
Wind direction	100	100	100
Cloud cover	100	100	100
Precipitation	100	100	100
Solar radiation	100	100	100
Air quality	100	100	100
Water quality	100	100	100
Soil quality	100	100	100
Vegetation	100	100	100
Animal life	100	100	100
Human life	100	100	100

WATER SUPPLY

The water supply has been satisfactory in quality, a copy of the report on the chemical analysis is as follows:-

21st May, 1962.

CERTIFICATE OF ANALYSIS OF WATER

Sample received 11th May, 1962 From Leiston U.D.C.

Marked: No. 2 Well Waterworks, Leiston.

Appearance when received: Clear with trace of black deposit

Nature of Deposit: Mainly organic debris and vegetable matter

Colour: Nil Odour: Nil

Reaction: neutral pH 7.0 Taste: Satisfactory

RESULTS OF CHEMICAL ANALYSIS IN PARTS PER MILLION

Ammoniacal nitrogen	<u>0.02</u>	Hardness as CaCO ₃ :	
Albuminoid nitrogen	<u>0.09</u>	Total	<u>420</u>
Nitrate nitrogen	<u>14</u>	Carbonate (temporary)	<u>275</u>
Nitrite nitrogen	<u>Practically nil</u>	Non-Carbonate (permanent)	<u>145</u>
Chlorine as chlorides	<u>50</u>	Alkalinity as CaCO ₃	<u>275</u>
Oxygen absorbed (4 hr., 27° C)	<u>0.25</u>	Free Carbon dioxide	<u>49</u>
		Total solids (at 180° C)	<u>600</u>
		Iron (Total)	<u>0.23</u>
		Metals in solution	<u>Absent</u>

OPINION

The organic quality of this water is satisfactory, though not quite so good as that of No. 1 Well. The salinity of the water is also somewhat different and it has a higher content of total dissolved solids. The total hardness is almost exactly the same. In our opinion this water is fit for drinking purposes, subject to the same reservation as the No. 1. Well.

The water is now satisfactory in quantity.

Mostly the Urban District is served with a piped supply. Twenty samples were taken for bacteriological examination during the year.

A copy of a typical result from the raw and treated water is as follows:-

PUBLIC HEALTH LABORATORY SERVICE, IPSWICH

Report on bacteriological examination of water samples

Sender: The P.H. Inspector, Leiston-cum-Sizewell U.D.C.

Date of arrival: 25/10/62 Date of Report: 27/10/62

Senders Ref. No	Lab Ref No.	Source	<u>Probable No.s per 100 ml.</u>	
			<u>Coliform</u>	<u>Bacilli.</u>
16,092 B		Well No. 1 Waterworks Abbey Road, Leiston.	0	
16,093		Well No. 2 Waterworks Abbey Road, Leiston.	0	
16,094		Tap in Council Offices.	0	

The water is not liable to have any plumbo-solvent action. No action was necessary during the year in respect of any form of contamination.

The estimated No. of dwelling houses in the district.....	1,592
The estimated No. of houses on piped supply direct to the houses.....	1,545
No. of dwelling houses on standpipes.....	42
No. of dwelling houses using wells.....	18
Estimated poulation.....	4,770
Estimated population on piped supply.....	4,593
Estimated population on standpipes.....	126
Estimated population using wells.....	51
Estimated No. of persons per house.....	3

SEWERAGE

The arrangements for sewerage and sewage disposal in the district are reasonably adequate.

The Council have received a preliminary report by Messrs. Herbert Bateman & Partners, Consulting Engineers, Norwich for the laying of a main sewerage system for certain parishes in the Blyth Rural District and to include Coldfair Green area and properties in the Aldeburgh Road, adjoining the parish of Aldringham. This report has only been briefly considered by the two Authorities and further meetings and negotiations will be necessary before a final scheme can be prepared.

HOUSING

No. of houses inspected	96
No. of houses found to be unsatisfactory.	13
No. of houses rendered fit:-	
(1) Informal	13
(2) Formal - Public Health Acts	NIL
(3) Formal - Housing Acts (Section 9)	NIL
(4) By undertakings (Section 16)	NIL
(5) Repair of Scheduled (1955) unfit houses	NIL
No. of demolition orders secured	NIL
No. of dwellings included in Clearance Orders secured	NIL
No. demolished under Demolition Orders	NIL
No. demolished under Clearance Orders	NIL
No. demolished by informal action	5
No. of dwellings in respect of which or part of which Closing Orders were made (including Local Government (Miscellaneous Provisions) Act, 1953)	NIL
Undertakings accepted not to re-let unfit houses	NIL
Total No. of new houses erected:	
(i) By Local Authority	30
(ii) By Private Enterprise	16
No. of families rehoused from unfit houses	NIL
No. of properties improved by Improvement Grants:	
(i) Discretionary	12
(ii) Standard	1

FOOD

The number of food premises in the area and the type of business carried on are as follows:-

Grocery & General	17
Bakers & Confectioners	3
Butchers	5
Public Houses	7
Cafes	3
Fishmongers	2
Fried fish shops	2
Greengrocers	3

No. of food premises inspected	10
No. found to be unsatisfactory	1
No. rendered satisfactory	NIL
No. of premises registered under Section 16 of the Food & Drugs Act, 1955:	
(i) Ice cream manufacture	NIL
(ii) For the storage or sale only	18
(iii) Sausages - preserved foods etc.,	12
No. of licensed slaughterhouses	1

FOOD INSPECTION

Meat:-

The following table shows the number of carcasses inspected and meat condemned during the year.

	Cattle	Calves	Pigs	Sheep and Lambs
No. Killed	207	2	368	236
No. Inspected	207	2	368	236
Whole carcasses condemned:				
Tuberculosis	-	-	-	-
Other causes	-	-	1	-
Carcasses of which some part or organ was condemned:				
Tuberculosis	1	-	3	-
Other causes	14	-	7	-

The total weight of meat condemned was 320 lbs. The principle causes of condemnation being Pneumonia, Abscesses, Cirrhosis, and Hydatid cysts.

Other foods:-

165 tins meat, fish, vegetables, milk & fruit were surrendered as unfit for human consumption.

Disposal of condemned foods.

Condemned meat is disposed of to the Suffolk Fat & Bone Co., at Oulton Broad and tinned foods to the Council's Refuse tip.

MOVEABLE DWELLINGS

There are six licences to station and use moveable dwellings in force in the district.

RAT AND MICE INFESTATION

No. of infestations found	23
No. of treatments carried out	23

DISINFECTION ETC.,

No. of premises disinfected.	NIL
No. of premises disinfested.	NIL

REFUSE COLLECTION

House and trade refuse from shops is collected weekly and disposed of by controlled tipping.

FACTORIES ACT, 1961

Precribed particulars on the Administration of the Factories Act, 1961

PART 1 OF THE ACT

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1,2, 3, 4 and 6 are to be enforced by Local Authorities	27	37	1	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	3	6	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises.	1	1	-	-
TOTAL	31	44	1	-

- 2 - Cases in which DEFECTS were found

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases").

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of Cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary conveniences (S.7)	-	-	-	-	-
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
TOTAL	-	-	-	-	-

PART VIII OF THE ACT.

OUTWORK

(SECTIONS 133 and 134)

Nature of work	SECTION 133			SECTION 134		
	No. of out-workers in August list required by Section 133(1)(c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing) Goggles & apparel) Respirators.	31	-	-	-	-	-
) Making etc.,	-	-	-	-	-	-
) cleaning and washing	-	-	-	-	-	-
Household linen	-	-	-	-	-	-
Lace, lace curtains and nets.	-	-	-	-	-	-
Curtains and furniture hangings	-	-	-	-	-	-
Furniture and upholstery	-	-	-	-	-	-
Electro-Plate	-	-	-	-	-	-
File Making	-	-	-	-	-	-
Brass and Brass Articles	-	-	-	-	-	-
Fur Pulling	-	-	-	-	-	-
Iron and steel cables and chains	-	-	-	-	-	-
Iron and steel anchors and grapnels	-	-	-	-	-	-
Cart gear	-	-	-	-	-	-
Locks latches and keys	-	-	-	-	-	-
Umbrellas etc.,	-	-	-	-	-	-
Artificial flowers	-	-	-	-	-	-
Nets, other than wire nets	-	-	-	-	-	-
Tents	-	-	-	-	-	-
Sacks	-	-	-	-	-	-
Racquet and tennis balls	-	-	-	-	-	-
Paper bags	-	-	-	-	-	-
The making of boxes or other receptacles or parts thereof made wholly or partially of paper	-	-	-	-	-	-
Brush making	-	-	-	-	-	-
Pea picking	-	-	-	-	-	-
Feather sorting	-	-	-	-	-	-
Carding etc of buttons etc.	-	-	-	-	-	-
Stuffed toys	-	-	-	-	-	-

Nature of work	SECTION 133			SECTION 134		
	No. of out-workers in August list required by Section 133(1)(c)	No. of cases of default in sending lists to the Council	No. of prosecu- tions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prose- cutions
Basket Making	-	-	-	-	-	-
Chocolates and sweemeats	-	-	-	-	-	-
Cosaques, Christmas stockings etc.,	-	-	-	-	-	-
Textile weaving	-	-	-	-	-	-
Lampshades	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

Medical Officer of Health

